Versioning repository: https://github.com/vkalokyri/BeatMyRun

Login, Personal Information, Run Use case
- **Program Code Writing by:** Rahul Shome, Valia Kalokyri
  - Google + login GUI, Personal Info GUI, Run page GUI (plus Youtube Player)
  - Authenticate user with Google + API
  - Retrieve user's personal google information
  - Authenticate user with his Youtube channels
  - Retrieve his/her liked songs and/or history watch
  - Connection to android SDK sensor manager (for getting user steps)
  - Implementation of Youtube player API
  - Implementation of a Runnable timer
  - User flow of connecting timer events, sensor event and youtube player events
  - Calculation of BPM based on the user's steps
  - Created API developer account for Echonest API and tested via http requests on the browser (not on the app right now)
  - Merging all the components together
- **Debugging:**
  - by using computer's android emulator(NEXUS 5, API 23)
  - and android phone (MOTO X 2013)
- **Project management**:
  - opening accounts on public websites for the project-> Google +API, YouTube API, Echonest API
  - organizing meetings
  - coordinating activities
  - installing and maintaining the developer's resources (github version control, Android Studio IDE)
  - combining all of the contributions into the correct files and formats

Create, Edit, View, Resolve Challenge Use case
- **Program Coding Writing by:** Careena Braganza and Nirali Vinit Shah
  - Activities : DBHandler, ChallengeRepo, ChallengeMain, ChallengeDetail, ChallengeActivity
  - Central database schema
  - Implementation of SQLite Database to be used for Challenge Computations using SQLiteOpenHelper package (Challenge Relation)
  - CRUD operations for challenges
  - Dynamic GUI with all the list of challenge elements populated from the database
  - Mathematical computation for finding the winner of a challenge
- **Debugging:**
  - by using computer's android emulator(NEXUS 5, API 22)
  - merging the module with the others and solving the errors
- **Project management**:
  - Program Documentation
  - organizing meetings
  - coordinating activities
  - installing and maintaining the developer's resources (github version control, Android Studio IDE)

- ○ combining all of the contributions into the correct files and formats

Statistics Use case

- ● **Program Coding Writing by:** Nivetha Balasamy and Thara Philipson
    - ○ Implementation of GUI for monthly and weekly statistics for:
        - ■ distance
        - ■ calories
        - ■ duration of runs
    - ○ StatActivity, StatGraphActivity GUI
    - ○ Defining data series, view layout spacing and combining view and renderer for Chart visualization
    - ○ Dynamic runtime data visualization library aChartEngine was integrated and interfaced with the android application
- ● **Debugging**
    - ○ using Android emulator , Nexus 5, API 23
    - ○ Integrating with android phone and adjusting the view.
- ● Presentation slides
- ● **Project management**:
    - ○ organizing meetings
    - ○ coordinating activities
    - ○ installing and maintaining the developer's resources (github version control, Android Studio IDE)